

Tao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

608
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

615
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A grain texture model to investigate effects of grain shape and orientation on macro-mechanical behavior of crystalline rock. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 148, 104971. | 5.8 | 14 |
| 2 | Flowchart of DEM Modeling Stability Analysis of Large Underground Powerhouse Caverns. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-15. | 0.7 | 1 |
| 3 | Failure mechanism of TRSS mode in landslides induced by earthquake. <i>Scientific Reports</i> , 2020, 10, 21326. | 3.3 | 8 |
| 4 | Natural fractures in soft coal seams and their effect on hydraulic fracture propagation: A field study. <i>Journal of Petroleum Science and Engineering</i> , 2020, 192, 107255. | 4.2 | 54 |
| 5 | Controls of natural fractures on the texture of hydraulic fractures in rock. <i>Journal of Petroleum Science and Engineering</i> , 2018, 165, 616-626. | 4.2 | 16 |
| 6 | Seepage analysis of a diversion tunnel with high pressure in different periods: a case study. <i>European Journal of Environmental and Civil Engineering</i> , 2018, 22, 386-404. | 2.1 | 9 |
| 7 | Parametric study of the smooth joint contact model on the mechanical behavior of jointed rock. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2018, 42, 358-376. | 3.3 | 28 |
| 8 | The effect of natural fractures on hydraulic fracturing propagation in coal seams. <i>Journal of Petroleum Science and Engineering</i> , 2017, 150, 180-190. | 4.2 | 120 |
| 9 | DEM micromechanical modeling and laboratory experiment on creep behavior of salt rock. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 46, 38-46. | 4.4 | 46 |
| 10 | Investigation of mine pressure and deformation due to phosphate ore body excavation based on Hoek-Brown model. <i>Journal of Unconventional Oil and Gas Resources</i> , 2016, 15, 158-164. | 3.5 | 4 |
| 11 | Distinct element modeling of strength variation in jointed rock masses under uniaxial compression. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2016, 2, 11-24. | 2.9 | 43 |
| 12 | Simulation of hydraulic fracturing using particle flow method and application in a coal mine. <i>International Journal of Coal Geology</i> , 2014, 121, 1-13. | 5.0 | 185 |
| 13 | Stability analysis of the slope around flood discharge tunnel under inner water exosmosis at Yangqu hydropower station. <i>Computers and Geotechnics</i> , 2013, 51, 1-11. | 4.7 | 20 |
| 14 | Failure modes of the surface venthole casing during longwall coal extraction: A case study. <i>International Journal of Coal Geology</i> , 2012, 90-91, 135-148. | 5.0 | 27 |
| 15 | A safety assessment of the new Xiangyun phosphogypsum tailings pond. <i>Minerals Engineering</i> , 2011, 24, 1084-1090. | 4.3 | 33 |